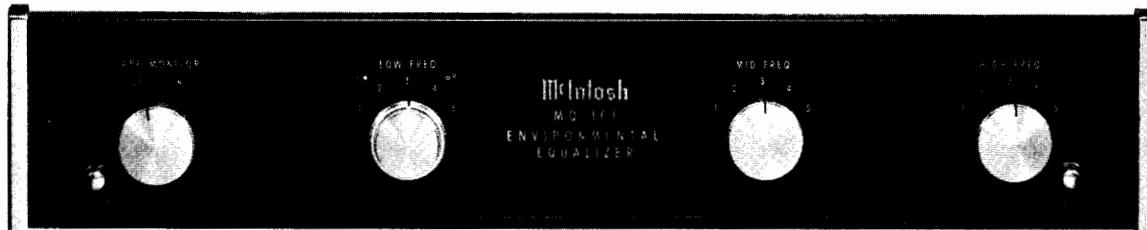


McIntosh

MQ 101

ENVIRONMENTAL EQUALIZER



SERVICE INFORMATION

STARTING WITH SERIAL NO. 1V001

McINTOSH LABORATORY INC. 2 CHAMBERS STREET BINGHAMTON, NEW YORK

MQ 101

ELECTRICAL SPECIFICATIONS

FREQUENCY RESPONSE

± 0.5 dB from 20Hz to 20,000Hz (with low frequency switch in position 1 and mid and high frequency switches in position 3.)

DISTORTION

Less than 0.1% at rated output level, 20Hz to 20,000Hz

HUM AND NOISE

85dB below rated output (140 μ V)

INPUT SENSITIVITY AND IMPEDANCE

Main and tape input 2.5 volts at 60k Ω for rated output at 1000Hz.

INPUT ATTENUATOR

Switched 0dB, -6dB, or -12dB

OUTPUT

Main: 2.5 volts into 47k Ω or greater load, 20Hz to 20,000Hz

Tape: 2.5 volts with rated input

EQUALIZATION

Low frequency: 0 to +17dB at 20Hz in 5 steps (0, +6, +9, +13, +17dB in positions 1, 2, 3, 4, 5 respectively)

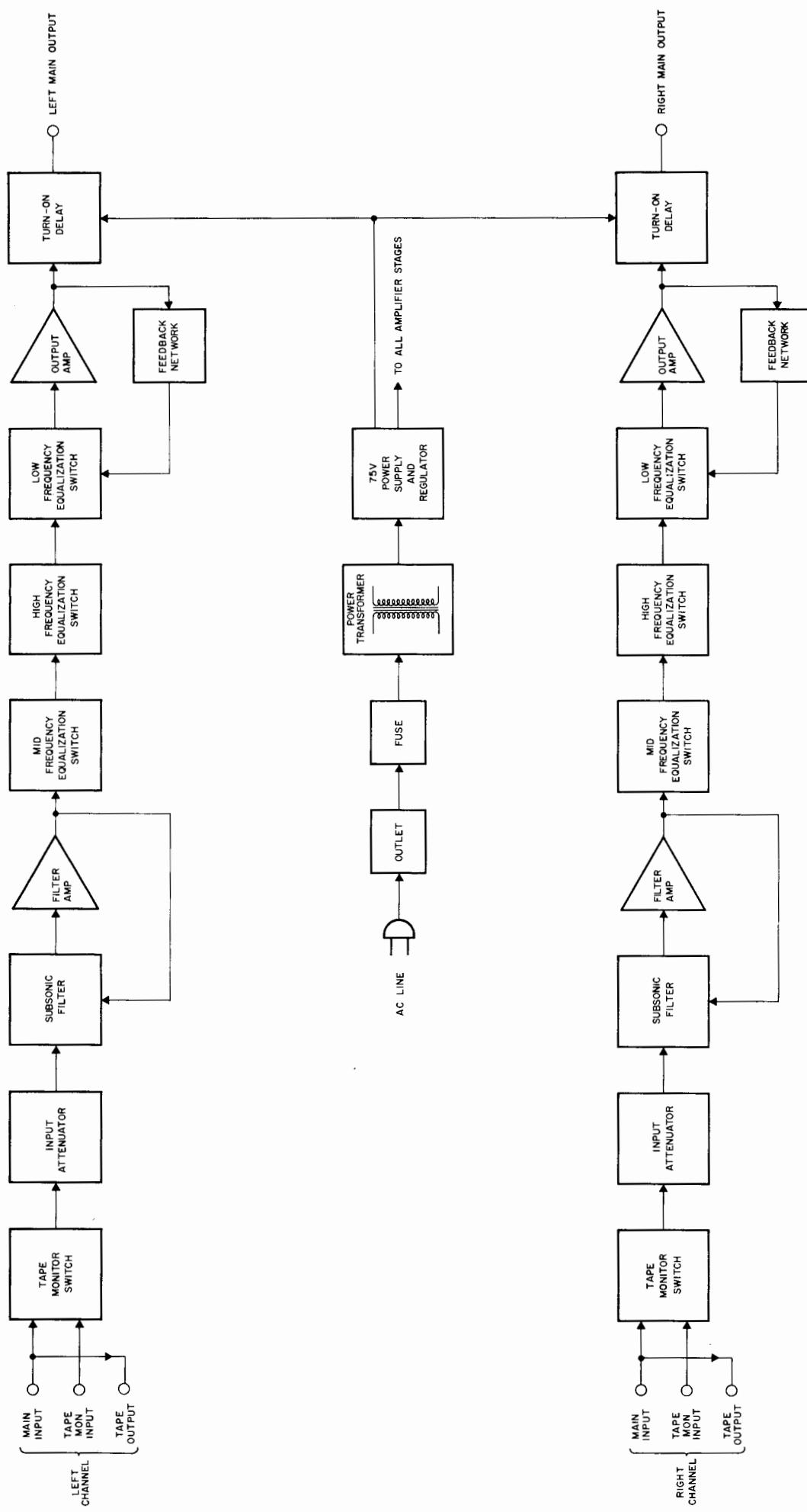
Mid frequency: -5 to +5dB at 4000Hz in 5 equal steps

High frequency: -4 to +4dB at 20,000Hz in 5 equal steps

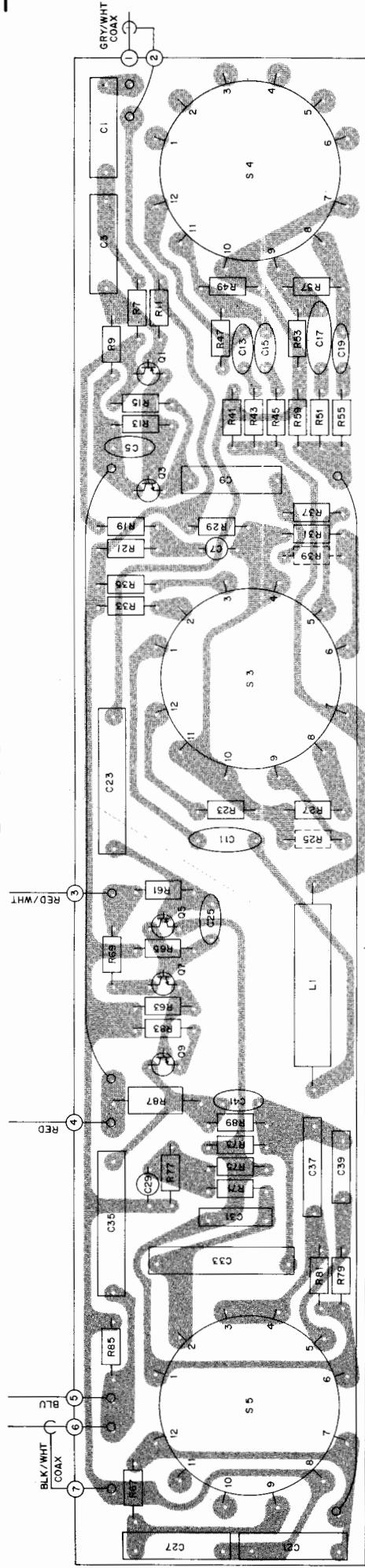
POWER REQUIREMENT

120 volts, 50/60Hz, 20 watts

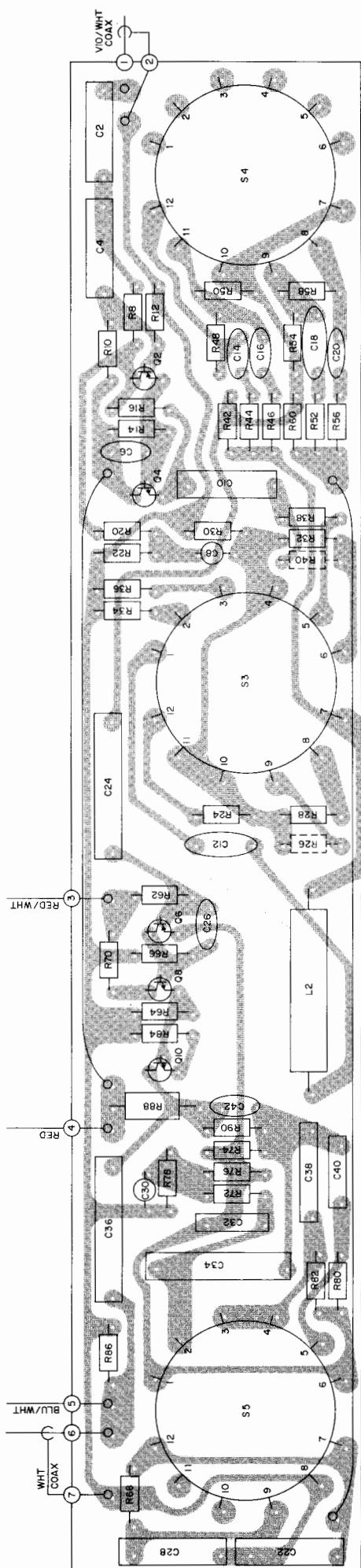
BLOCK DIAGRAM

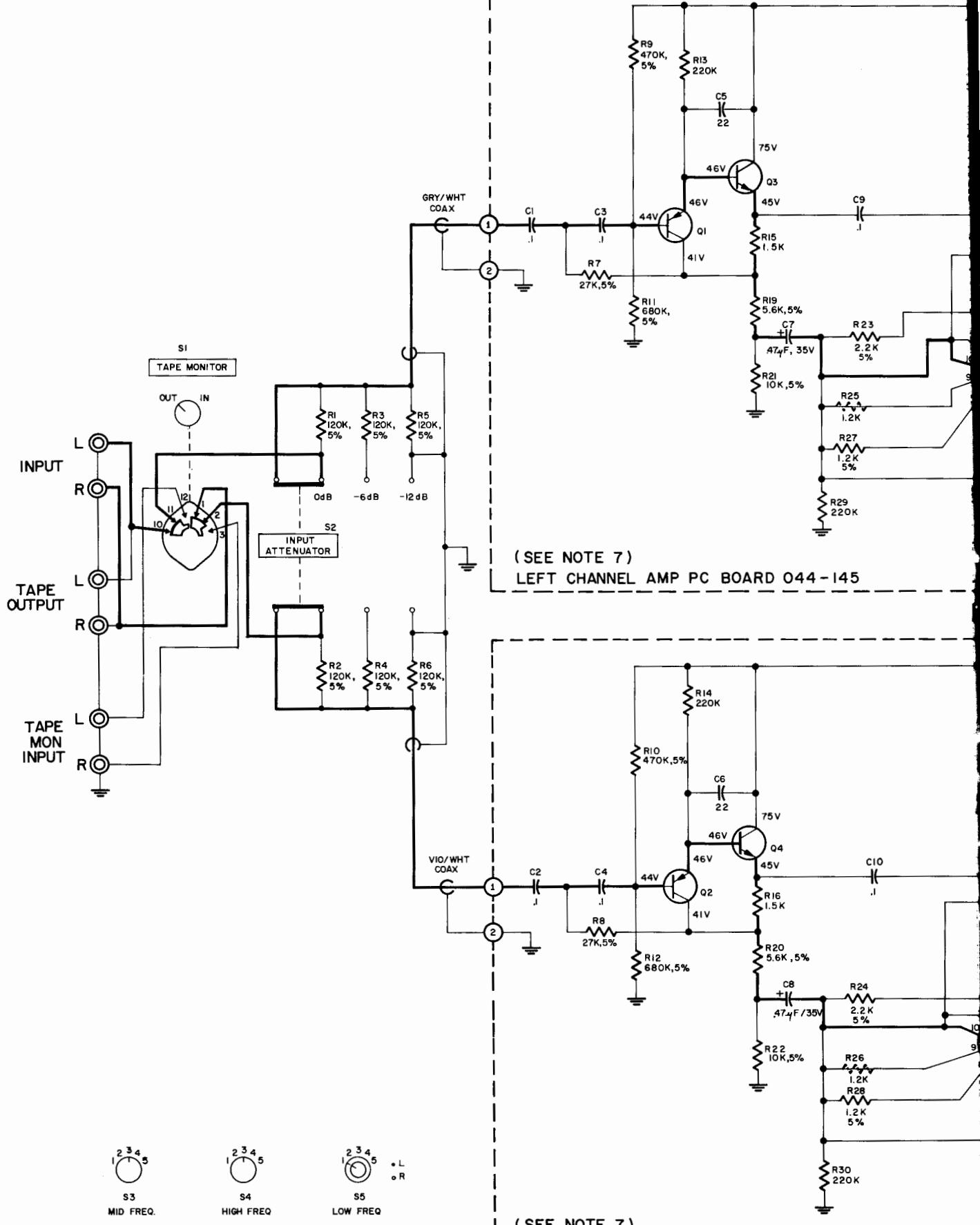


LEFT CHANNEL AMPLIFIER PC BOARD 044-145

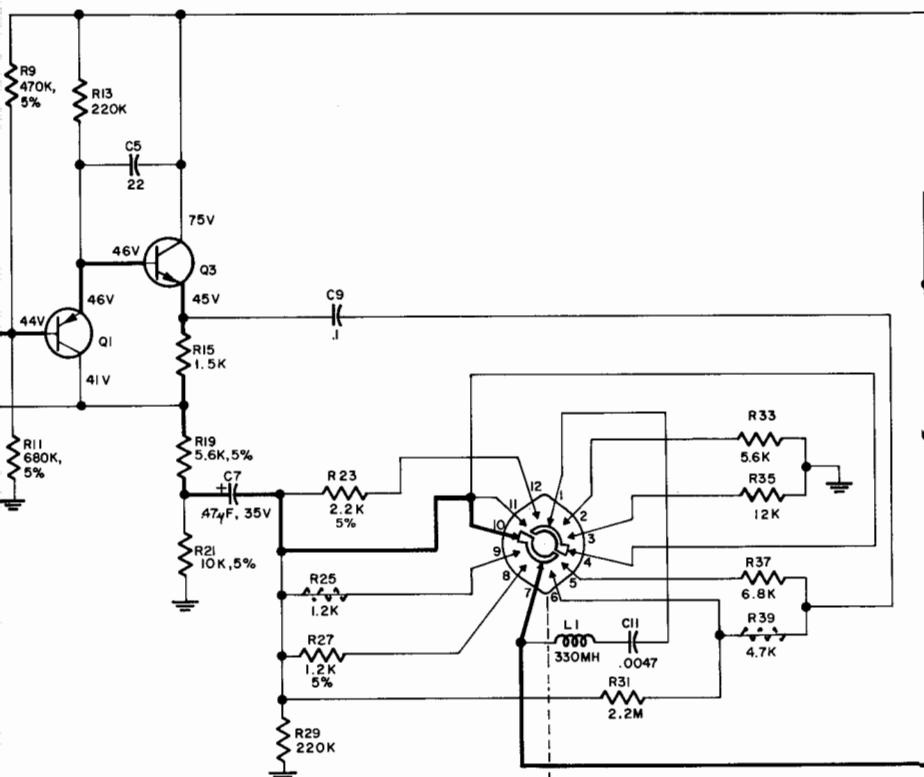


RIGHT CHANNEL AMPLIFIER PC BOARD 044-145





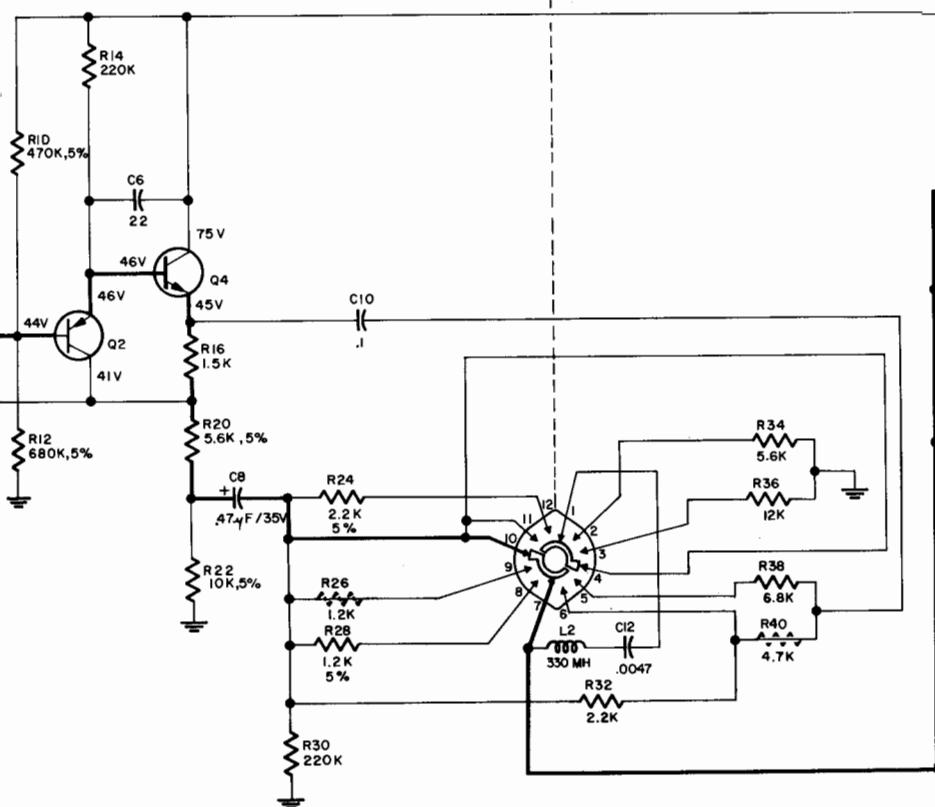
POSITION OF SWITCHES ON SCHEMATIC



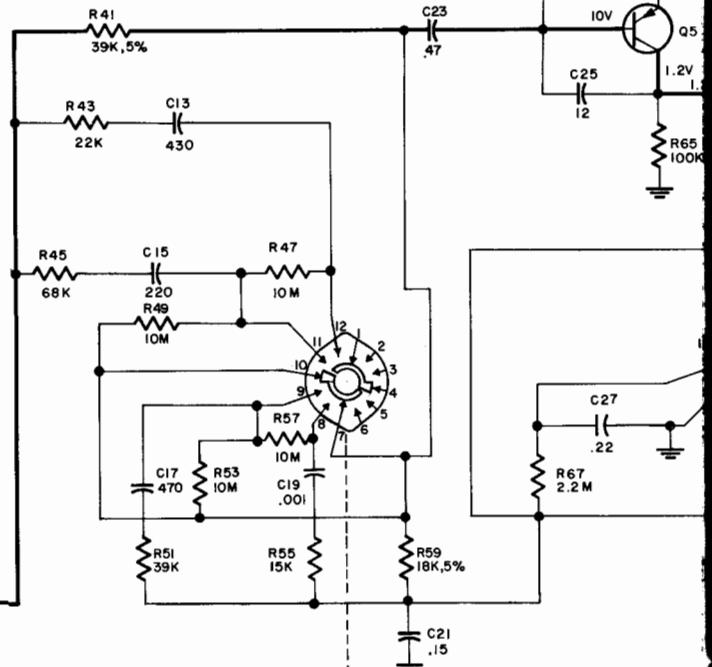
EL AMP PC BOARD 044-145

MID. FREQ. S3 2 3 4 5

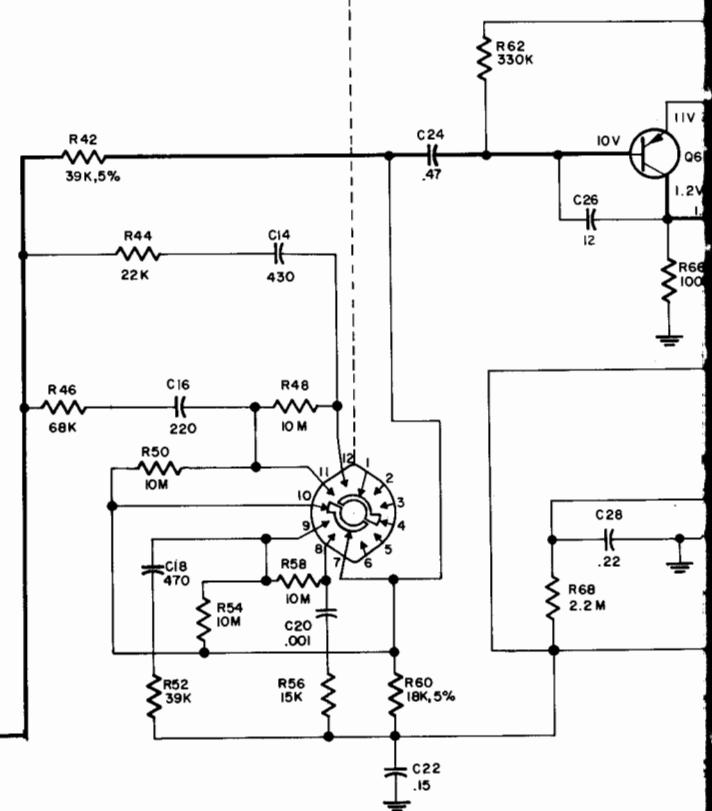
HIGH FREQ. S4 2 3 4 5

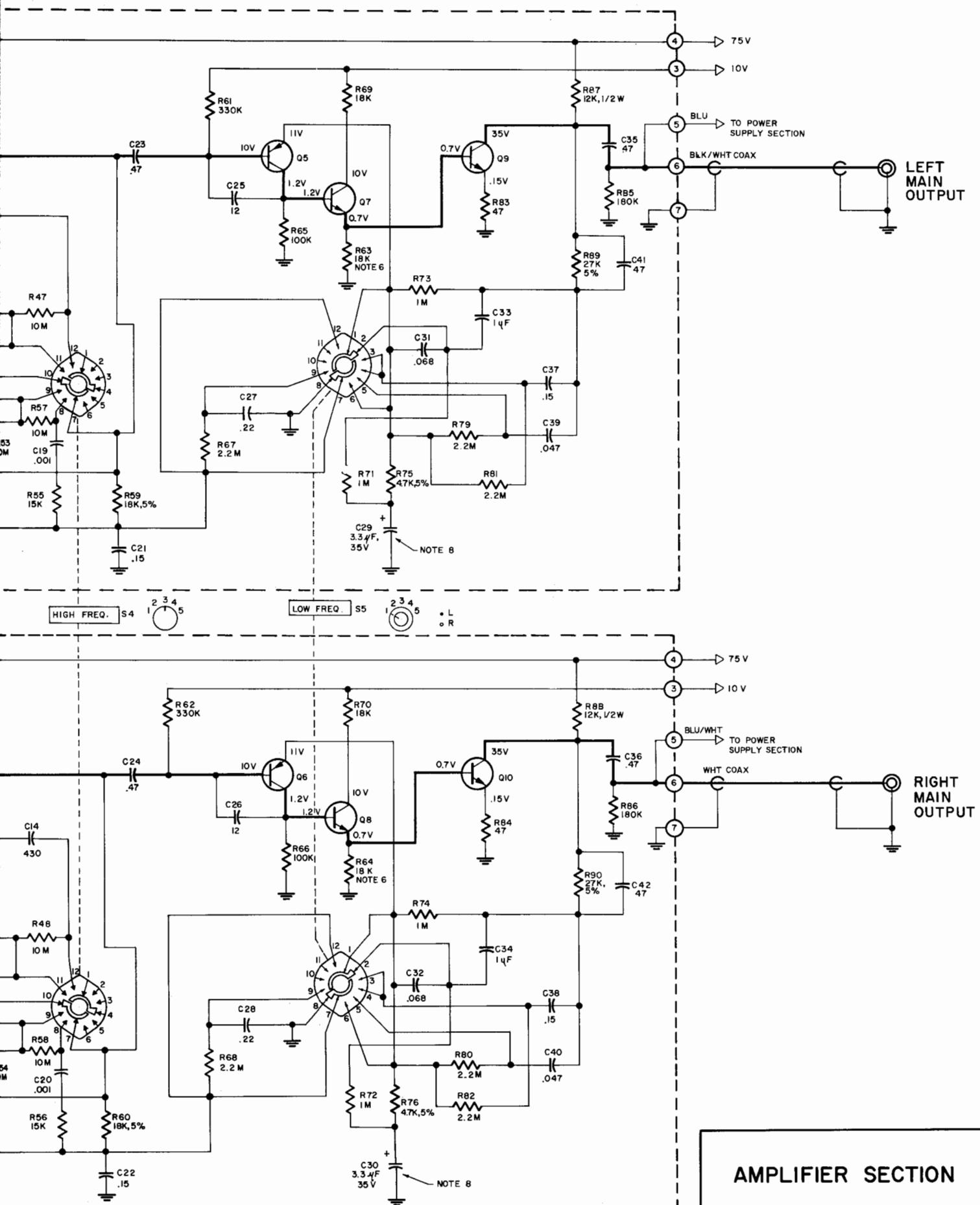


EL AMP PC BOARD 044-145



LOW





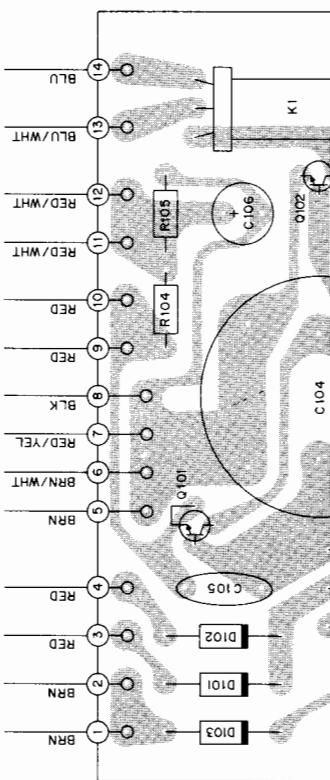
AMPLIFIER SECTION

MQ 101

154-588

SCHMATIC NOTES

1. Unless otherwise specified: Resistance values are in ohms, 1/4 watt, and 10% tolerance; capacitance values smaller than 1 are in microfarads (μ F); capacitance values greater than 1 are in picofarads (pF).
2. Printed circuit board components are outlined on the schematics by dotted lines. The circled numbers around the dotted lines correspond to the numbers on the PC Board layouts.
3. The heavy lines on the schematics denote the primary signal path.
4. The terminal numbering of rotary switches is for reference only.
5. All voltages indicated on the schematics are measured under the following conditions:
 - a. Use of an 11 megohm input impedance VTVM.
 - b. All voltages $\pm 10\%$ with respect to chassis ground.
 - c. No signal at input terminals.
 - d. AC input at 117 volts, 50/60 Hz.
6. In units with Serial No.'s below 1V445, R63 and R64 are 47k.
7. In units with Serial No's below 3V164: R75 & R76 are 1.5K; R55 & R56 are 18K; R89 & R90 are 30K; R41, R42, R43 & R44 are 100K; R45 & R46 are 220K; C15 & C16 are 68pF; C13 & C14 are 120pF; C21 & C22 are .22 μ F; C17 & C18 are 430pF; C19 & C20 are 680pF; R15 & R16 are 1K; R19 & R20 are 4.7K; R21 & R22 are 2.7K; R23 & R24 are 750 Ω ; R25 & R26 are used; R27 & R28 are 3K; R29 & R30 are 47K; R35 & R36 are 8.2K; R37 & R38 are 10K; R39 & R40 are used and C33 & C34 are .47 μ F.
8. In units with Serial No's below 3V679 C29 & C30 are 10 μ F.



NOTES

Resistance values are in ohms; capacitance values in microfarads (μF); capacitance in picofarads (pF).

Components are outlined on the board. The circled numbers correspond to the numbers on the schematic.

Inductances denote the primary

Primary switch is for reference.

Schematics are measured as follows:

Impedance VTVM.

With respect to chassis ground.

Alarms.

60 Hz.

Low 1V445, R63 and R64

With 3V164: R75 & R76 are 30K; R41, R42, R43, R44 are 220K; C15 & C16 are .22 μF ; C21 & C22 are .22 μF ; C23 & C24 are 680pF; R15 & R16 are 2.7K; R17 & R18 are 8.2K; R37 & R38 are 8.2K; R39 & R40 are 30K; R45 & R46 are 2.7K; R47 & R48 are 8.2K; R49 & R50 are 30K; R51 & R52 are 2.7K; R53 & R54 are 8.2K; R55 & R56 are 30K; R57 & R58 are 2.7K; R59 & R60 are 8.2K; R61 & R62 are 30K; R63 & R64 are 2.7K; R65 & R66 are 8.2K; R67 & R68 are 30K; R69 & R70 are 2.7K; R71 & R72 are 8.2K; R73 & R74 are 30K; R75 & R76 are 2.7K; R77 & R78 are 8.2K; R79 & R80 are 30K; R81 & R82 are 2.7K; R83 & R84 are 8.2K; R85 & R86 are 30K; R87 & R88 are 2.7K; R89 & R90 are 8.2K; R91 & R92 are 30K; R93 & R94 are 2.7K; R95 & R96 are 8.2K; R97 & R98 are 30K; R99 & R100 are 2.7K; R101 & R102 are 8.2K; R103 & R104 are 30K; R105 & R106 are 2.7K; R107 & R108 are 8.2K; R109 & R110 are 30K; R111 & R112 are 2.7K; R113 & R114 are 8.2K; R115 & R116 are 30K; R117 & R118 are 2.7K; R119 & R120 are 8.2K; R121 & R122 are 30K; R123 & R124 are 2.7K; R125 & R126 are 8.2K; R127 & R128 are 30K; R129 & R130 are 2.7K; R131 & R132 are 8.2K; R133 & R134 are 30K; R135 & R136 are 2.7K; R137 & R138 are 8.2K; R139 & R140 are 30K; R141 & R142 are 2.7K; R143 & R144 are 8.2K; R145 & R146 are 30K; R147 & R148 are 2.7K; R149 & R150 are 8.2K; R151 & R152 are 30K; R153 & R154 are 2.7K; R155 & R156 are 8.2K; R157 & R158 are 30K; R159 & R160 are 2.7K; R161 & R162 are 8.2K; R163 & R164 are 30K; R165 & R166 are 2.7K; R167 & R168 are 8.2K; R169 & R170 are 30K; R171 & R172 are 2.7K; R173 & R174 are 8.2K; R175 & R176 are 30K; R177 & R178 are 2.7K; R179 & R180 are 8.2K; R181 & R182 are 30K; R183 & R184 are 2.7K; R185 & R186 are 8.2K; R187 & R188 are 30K; R189 & R190 are 2.7K; R191 & R192 are 8.2K; R193 & R194 are 30K; R195 & R196 are 2.7K; R197 & R198 are 8.2K; R199 & R200 are 30K; R201 & R202 are 2.7K; R203 & R204 are 8.2K; R205 & R206 are 30K; R207 & R208 are 2.7K; R209 & R210 are 8.2K; R211 & R212 are 30K; R213 & R214 are 2.7K; R215 & R216 are 8.2K; R217 & R218 are 30K; R219 & R220 are 2.7K; R221 & R222 are 8.2K; R223 & R224 are 30K; R225 & R226 are 2.7K; R227 & R228 are 8.2K; R229 & R230 are 30K; R231 & R232 are 2.7K; R233 & R234 are 8.2K; R235 & R236 are 30K; R237 & R238 are 2.7K; R239 & R240 are 8.2K; R241 & R242 are 30K; R243 & R244 are 2.7K; R245 & R246 are 8.2K; R247 & R248 are 30K; R249 & R250 are 2.7K; R251 & R252 are 8.2K; R253 & R254 are 30K; R255 & R256 are 2.7K; R257 & R258 are 8.2K; R259 & R260 are 30K; R261 & R262 are 2.7K; R263 & R264 are 8.2K; R265 & R266 are 30K; R267 & R268 are 2.7K; R269 & R270 are 8.2K; R271 & R272 are 30K; R273 & R274 are 2.7K; R275 & R276 are 8.2K; R277 & R278 are 30K; R279 & R280 are 2.7K; R281 & R282 are 8.2K; R283 & R284 are 30K; R285 & R286 are 2.7K; R287 & R288 are 8.2K; R289 & R290 are 30K; R291 & R292 are 2.7K; R293 & R294 are 8.2K; R295 & R296 are 30K; R297 & R298 are 2.7K; R299 & R300 are 8.2K; R301 & R302 are 30K; R303 & R304 are 2.7K; R305 & R306 are 8.2K; R307 & R308 are 30K; R309 & R310 are 2.7K; R311 & R312 are 8.2K; R313 & R314 are 30K; R315 & R316 are 2.7K; R317 & R318 are 8.2K; R319 & R320 are 30K; R321 & R322 are 2.7K; R323 & R324 are 8.2K; R325 & R326 are 30K; R327 & R328 are 2.7K; R329 & R330 are 8.2K; R331 & R332 are 30K; R333 & R334 are 2.7K; R335 & R336 are 8.2K; R337 & R338 are 30K; R339 & R340 are 2.7K; R341 & R342 are 8.2K; R343 & R344 are 30K; R345 & R346 are 2.7K; R347 & R348 are 8.2K; R349 & R350 are 30K; R351 & R352 are 2.7K; R353 & R354 are 8.2K; R355 & R356 are 30K; R357 & R358 are 2.7K; R359 & R360 are 8.2K; R361 & R362 are 30K; R363 & R364 are 2.7K; R365 & R366 are 8.2K; R367 & R368 are 30K; R369 & R370 are 2.7K; R371 & R372 are 8.2K; R373 & R374 are 30K; R375 & R376 are 2.7K; R377 & R378 are 8.2K; R379 & R380 are 30K; R381 & R382 are 2.7K; R383 & R384 are 8.2K; R385 & R386 are 30K; R387 & R388 are 2.7K; R389 & R390 are 8.2K; R391 & R392 are 30K; R393 & R394 are 2.7K; R395 & R396 are 8.2K; R397 & R398 are 30K; R399 & R400 are 2.7K; R401 & R402 are 8.2K; R403 & R404 are 30K; R405 & R406 are 2.7K; R407 & R408 are 8.2K; R409 & R410 are 30K; R411 & R412 are 2.7K; R413 & R414 are 8.2K; R415 & R416 are 30K; R417 & R418 are 2.7K; R419 & R420 are 8.2K; R421 & R422 are 30K; R423 & R424 are 2.7K; R425 & R426 are 8.2K; R427 & R428 are 30K; R429 & R430 are 2.7K; R431 & R432 are 8.2K; R433 & R434 are 30K; R435 & R436 are 2.7K; R437 & R438 are 8.2K; R439 & R440 are 30K; R441 & R442 are 2.7K; R443 & R444 are 8.2K; R445 & R446 are 30K; R447 & R448 are 2.7K; R449 & R450 are 8.2K; R451 & R452 are 30K; R453 & R454 are 2.7K; R455 & R456 are 8.2K; R457 & R458 are 30K; R459 & R460 are 2.7K; R461 & R462 are 8.2K; R463 & R464 are 30K; R465 & R466 are 2.7K; R467 & R468 are 8.2K; R469 & R470 are 30K; R471 & R472 are 2.7K; R473 & R474 are 8.2K; R475 & R476 are 30K; R477 & R478 are 2.7K; R479 & R480 are 8.2K; R481 & R482 are 30K; R483 & R484 are 2.7K; R485 & R486 are 8.2K; R487 & R488 are 30K; R489 & R490 are 2.7K; R491 & R492 are 8.2K; R493 & R494 are 30K; R495 & R496 are 2.7K; R497 & R498 are 8.2K; R499 & R500 are 30K; R501 & R502 are 2.7K; R503 & R504 are 8.2K; R505 & R506 are 30K; R507 & R508 are 2.7K; R509 & R510 are 8.2K; R511 & R512 are 30K; R513 & R514 are 2.7K; R515 & R516 are 8.2K; R517 & R518 are 30K; R519 & R520 are 2.7K; R521 & R522 are 8.2K; R523 & R524 are 30K; R525 & R526 are 2.7K; R527 & R528 are 8.2K; R529 & R530 are 30K; R531 & R532 are 2.7K; R533 & R534 are 8.2K; R535 & R536 are 30K; R537 & R538 are 2.7K; R539 & R540 are 8.2K; R541 & R542 are 30K; R543 & R544 are 2.7K; R545 & R546 are 8.2K; R547 & R548 are 30K; R549 & R550 are 2.7K; R551 & R552 are 8.2K; R553 & R554 are 30K; R555 & R556 are 2.7K; R557 & R558 are 8.2K; R559 & R560 are 30K; R561 & R562 are 2.7K; R563 & R564 are 8.2K; R565 & R566 are 30K; R567 & R568 are 2.7K; R569 & R570 are 8.2K; R571 & R572 are 30K; R573 & R574 are 2.7K; R575 & R576 are 8.2K; R577 & R578 are 30K; R579 & R580 are 2.7K; R581 & R582 are 8.2K; R583 & R584 are 30K; R585 & R586 are 2.7K; R587 & R588 are 8.2K; R589 & R590 are 30K; R591 & R592 are 2.7K; R593 & R594 are 8.2K; R595 & R596 are 30K; R597 & R598 are 2.7K; R599 & R600 are 8.2K; R601 & R602 are 30K; R603 & R604 are 2.7K; R605 & R606 are 8.2K; R607 & R608 are 30K; R609 & R610 are 2.7K; R611 & R612 are 8.2K; R613 & R614 are 30K; R615 & R616 are 2.7K; R617 & R618 are 8.2K; R619 & R620 are 30K; R621 & R622 are 2.7K; R623 & R624 are 8.2K; R625 & R626 are 30K; R627 & R628 are 2.7K; R629 & R630 are 8.2K; R631 & R632 are 30K; R633 & R634 are 2.7K; R635 & R636 are 8.2K; R637 & R638 are 30K; R639 & R640 are 2.7K; R641 & R642 are 8.2K; R643 & R644 are 30K; R645 & R646 are 2.7K; R647 & R648 are 8.2K; R649 & R650 are 30K; R651 & R652 are 2.7K; R653 & R654 are 8.2K; R655 & R656 are 30K; R657 & R658 are 2.7K; R659 & R660 are 8.2K; R661 & R662 are 30K; R663 & R664 are 2.7K; R665 & R666 are 8.2K; R667 & R668 are 30K; R669 & R670 are 2.7K; R671 & R672 are 8.2K; R673 & R674 are 30K; R675 & R676 are 2.7K; R677 & R678 are 8.2K; R679 & R680 are 30K; R681 & R682 are 2.7K; R683 & R684 are 8.2K; R685 & R686 are 30K; R687 & R688 are 2.7K; R689 & R690 are 8.2K; R691 & R692 are 30K; R693 & R694 are 2.7K; R695 & R696 are 8.2K; R697 & R698 are 30K; R699 & R700 are 2.7K; R701 & R702 are 8.2K; R703 & R704 are 30K; R705 & R706 are 2.7K; R707 & R708 are 8.2K; R709 & R710 are 30K; R711 & R712 are 2.7K; R713 & R714 are 8.2K; R715 & R716 are 30K; R717 & R718 are 2.7K; R719 & R720 are 8.2K; R721 & R722 are 30K; R723 & R724 are 2.7K; R725 & R726 are 8.2K; R727 & R728 are 30K; R729 & R730 are 2.7K; R731 & R732 are 8.2K; R733 & R734 are 30K; R735 & R736 are 2.7K; R737 & R738 are 8.2K; R739 & R740 are 30K; R741 & R742 are 2.7K; R743 & R744 are 8.2K; R745 & R746 are 30K; R747 & R748 are 2.7K; R749 & R750 are 8.2K; R751 & R752 are 30K; R753 & R754 are 2.7K; R755 & R756 are 8.2K; R757 & R758 are 30K; R759 & R760 are 2.7K; R761 & R762 are 8.2K; R763 & R764 are 30K; R765 & R766 are 2.7K; R767 & R768 are 8.2K; R769 & R770 are 30K; R771 & R772 are 2.7K; R773 & R774 are 8.2K; R775 & R776 are 30K; R777 & R778 are 2.7K; R779 & R780 are 8.2K; R781 & R782 are 30K; R783 & R784 are 2.7K; R785 & R786 are 8.2K; R787 & R788 are 30K; R789 & R790 are 2.7K; R791 & R792 are 8.2K; R793 & R794 are 30K; R795 & R796 are 2.7K; R797 & R798 are 8.2K; R799 & R800 are 30K; R801 & R802 are 2.7K; R803 & R804 are 8.2K; R805 & R806 are 30K; R807 & R808 are 2.7K; R809 & R810 are 8.2K; R811 & R812 are 30K; R813 & R814 are 2.7K; R815 & R816 are 8.2K; R817 & R818 are 30K; R819 & R820 are 2.7K; R821 & R822 are 8.2K; R823 & R824 are 30K; R825 & R826 are 2.7K; R827 & R828 are 8.2K; R829 & R830 are 30K; R831 & R832 are 2.7K; R833 & R834 are 8.2K; R835 & R836 are 30K; R837 & R838 are 2.7K; R839 & R840 are 8.2K; R841 & R842 are 30K; R843 & R844 are 2.7K; R845 & R846 are 8.2K; R847 & R848 are 30K; R849 & R850 are 2.7K; R851 & R852 are 8.2K; R853 & R854 are 30K; R855 & R856 are 2.7K; R857 & R858 are 8.2K; R859 & R860 are 30K; R861 & R862 are 2.7K; R863 & R864 are 8.2K; R865 & R866 are 30K; R867 & R868 are 2.7K; R869 & R870 are 8.2K; R871 & R872 are 30K; R873 & R874 are 2.7K; R875 & R876 are 8.2K; R877 & R878 are 30K; R879 & R880 are 2.7K; R881 & R882 are 8.2K; R883 & R884 are 30K; R885 & R886 are 2.7K; R887 & R888 are 8.2K; R889 & R890 are 30K; R891 & R892 are 2.7K; R893 & R894 are 8.2K; R895 & R896 are 30K; R897 & R898 are 2.7K; R899 & R900 are 8.2K; R901 & R902 are 30K; R903 & R904 are 2.7K; R905 & R906 are 8.2K; R907 & R908 are 30K; R909 & R910 are 2.7K; R911 & R912 are 8.2K; R913 & R914 are 30K; R915 & R916 are 2.7K; R917 & R918 are 8.2K; R919 & R920 are 30K; R921 & R922 are 2.7K; R923 & R924 are 8.2K; R925 & R926 are 30K; R927 & R928 are 2.7K; R929 & R930 are 8.2K; R931 & R932 are 30K; R933 & R934 are 2.7K; R935 & R936 are 8.2K; R937 & R938 are 30K; R939 & R940 are 2.7K; R941 & R942 are 8.2K; R943 & R944 are 30K; R945 & R946 are 2.7K; R947 & R948 are 8.2K; R949 & R950 are 30K; R951 & R952 are 2.7K; R953 & R954 are 8.2K; R955 & R956 are 30K; R957 & R958 are 2.7K; R959 & R960 are 8.2K; R961 & R962 are 30K; R963 & R964 are 2.7K; R965 & R966 are 8.2K; R967 & R968 are 30K; R969 & R970 are 2.7K; R971 & R972 are 8.2K; R973 & R974 are 30K; R975 & R976 are 2.7K; R977 & R978 are 8.2K; R979 & R980 are 30K; R981 & R982 are 2.7K; R983 & R984 are 8.2K; R985 & R986 are 30K; R987 & R988 are 2.7K; R989 & R990 are 8.2K; R991 & R992 are 30K; R993 & R994 are 2.7K; R995 & R996 are 8.2K; R997 & R998 are 30K; R999 & R1000 are 2.7K; R1001 & R1002 are 8.2K; R1003 & R1004 are 30K; R1005 & R1006 are 2.7K; R1007 & R1008 are 8.2K; R1009 & R1010 are 30K; R1011 & R1012 are 2.7K; R1013 & R1014 are 8.2K; R1015 & R1016 are 30K; R1017 & R1018 are 2.7K; R1019 & R1020 are 8.2K; R1021 & R1022 are 30K; R1023 & R1024 are 2.7K; R1025 & R1026 are 8.2K; R1027 & R1028 are 30K; R1029 & R1030 are 2.7K; R1031 & R1032 are 8.2K; R1033 & R1034 are 30K; R1035 & R1036 are 2.7K; R1037 & R1038 are 8.2K; R1039 & R1040 are 30K; R1041 & R1042 are 2.7K; R1043 & R1044 are 8.2K; R1045 & R1046 are 30K; R1047 & R1048 are 2.7K; R1049 & R1050 are 8.2K; R1051 & R1052 are 30K; R1053 & R1054 are 2.7K; R1055 & R1056 are 8.2K; R1057 & R1058 are 30K; R1059 & R1060 are 2.7K; R1061 & R1062 are 8.2K; R1063 & R1064 are 30K; R1065 & R1066 are 2.7K; R1067 & R1068 are 8.2K; R1069 & R1070 are 30K; R1071 & R1072 are 2.7K; R1073 & R1074 are 8.2K; R1075 & R1076 are 30K; R1077 & R1078 are 2.7K; R1079 & R1080 are 8.2K; R1081 & R1082 are 30K; R1083 & R1084 are 2.7K; R1085 & R1086 are 8.2K; R1087 & R1088 are 30K; R1089 & R1090 are 2.7K; R1091 & R1092 are 8.2K; R1093 & R1094 are 30K; R1095 & R1096 are 2.7K; R1097 & R1098 are 8.2K; R1099 & R1100 are 30K; R1101 & R1102 are 2.7K; R1103 & R1104 are 8.2K; R1105 & R1106 are 30K; R1107 & R1108 are 2.7K; R1109 & R1110 are 8.2K; R1111 & R1112 are 30K; R1113 & R1114 are 2.7K; R1115 & R1116 are 8.2K; R1117 & R1118 are 30K; R1119 & R1120 are 2.7K; R1121 & R1122 are 8.2K; R1123 & R1124 are 30K; R1125 & R1126 are 2.7K; R1127 & R1128 are 8.2K; R1129 & R1130 are 30K; R1131 & R1132 are 2.7K; R1133 & R1134 are 8.2K; R1135 & R1136 are 30K; R1137 & R1138 are 2.7K; R1139 & R1140 are 8.2K; R1141 & R1142 are 30K; R1143 & R1144 are 2.7K; R1145 & R1146 are 8.2K; R1147 & R1148 are 30K; R1149 & R1150 are 2.7K; R1151 & R1152 are 8.2K; R1153 & R1154 are 30K; R1155 & R1156 are 2.7K; R1157 & R1158 are 8.2K; R1159 & R1160 are 30K; R1161 & R1162 are 2.7K; R1163 & R1164 are 8.2K; R1165 & R1166 are 30K; R1167 & R1168 are 2.7K; R1169 & R1170 are 8.2K; R1171 & R1172 are 30K; R1173 & R1174 are 2.7K; R1175 & R1176 are 8.2K; R1177 & R1178 are 30K; R1179 & R1180 are 2.7K; R1181 & R1182 are 8.2K; R1183 & R1184 are 30K; R1185 & R1186 are 2.7K; R1187 & R1188 are 8.2K; R1189 & R1190 are 30K; R1191 & R1192 are 2.7K; R1193 & R1194 are 8.2K; R1195 & R1196 are 30K; R1197 & R1198 are 2.7K; R1199 & R1200 are 8.2K; R1201 & R1202 are 30K; R1203 & R1204 are 2.7K; R1205 & R1206 are 8.2K; R1207 & R1208 are 30K; R1209 & R1210 are 2.7K; R1211 & R1212 are 8.2K; R1213 & R1214 are 30K; R1215 & R1216 are 2.7K; R1217 & R1218 are 8.2K; R1219 & R1220 are 30K; R1221 & R1222 are 2.7K; R1223 & R1224 are 8.2K; R1225 & R1226 are 30K; R1227 & R1228 are 2.7K; R1229 & R1230 are 8.2K; R1231 & R1232 are 30K; R1233 & R1234 are 2.7K; R1235 & R1236 are 8.2K; R

REPLACEMENT PARTS

All parts not listed are common items obtainable from radio parts jobbers.

Replacement parts may be obtained when ordered by PART NUMBER from:

McIntosh Laboratory, Inc.
Customer Service Department
2 Chambers Street
Binghamton, New York 13903
(telephone 607-723-3512)

CAPACITORS

Symbol Number	Description	Part Number
C1,2	Mylar .1μF	250V 064-067
C3,4	Mylar .1μF	250V 064-067
C7,8	Tant. Elect. .47μF	35V 066-244
C9,10	Mylar .1μF	250V 064-067
C21,22	Mylar .22μF	250V 064-096
C23,24	Mylar .47μF	250V 064-069
C27,28	Mylar .22μF	250V 064-096
C29,30	Tant. Elect. 3.3μF	35V 066-238
C31,32	Mylar .068μF	250V 064-095
C33,34	Mylar .47μF	250V 064-069
C35,36	Mylar .47μF	250V 064-069
C37,38	Mylar .15μF	250V 064-100
C39,40	Mylar .047μF	250V 064-085
C103	Elect. 220μF	16V 066-160
C104	Elect. 200/200μF 150/100V	066-159
C106	Elect. 220μF	16V 066-160

DIODES

D101,102	Si. Rectifier	070-031
D103	Si. Rectifier	070-031
D104	Zener Diode 75V	070-025

FUSES

F101	Fuse .5 ampere	089-009
------	----------------	---------

CHOKES

L1,2	Choke 300MH	122-100
------	-------------	---------

TRANSISTORS

Q1,2	Si. PNP transistor	132-074
Q3,4	Si. NPN transistor	132-075
Q5,6	Si. PNP transistor	132-074
Q7,8	Si. NPN transistor	132-075
Q9,10	Si. NPN transistor	132-075

Q101	Power transistor	132-078
Q102	Si. NPN transistor	132-075
SWITCHES		
S1	Tape Monitor	146-142
S2	Input Attenuator	148-026
S3	Mid. Frequency	146-144
S4	High Frequency	146-144
S5	Low Frequency	146-144
TRANSFORMERS		
T101	Power Transformer	159-092
LAMPS		
#1866 (Front panel)		058-014
RELAYS		
K1	Relay	087-007
FRONT PANEL & TRIM		
Front Panel		044-179
Front Panel End Caps		018-137
Tape Monitor Knob		043-253
Mid. Frequency Knob		043-253
High Frequency Knob		043-253
Low Frequency Knob (front)		044-375
Low Frequency Knob (rear)		090-100
MOUNTING SYSTEM		
Shelf Bracket (right)		044-210
Shelf Bracket (left)		044-209
Mounting Template #400		038-429
Hardware Package		044-143
MISCELLANEOUS ITEMS		
Fuseholder		178-001
AC Power Cord		170-021
Shipping Carton		044-211
Owners Manual		038-669
Audio Cable		170-015